

**NOTICE AND AGENDA OF MEETING OF THE ARIZONA
GEOGRAPHIC INFORMATION COUNCIL**
MEETING NOTES – STATEWIDE IMAGERY PROGRAM DISCUSSION

Pursuant to A.R.S. §38-431.02, notice is hereby given to the members of the Arizona Geographic Information Council and to the public that the Arizona Geographic Information Council will hold a meeting open to the public.

Meeting Time:

Wednesday, December 14, 2022 · 11:00am – 12:00pm

Meeting Location: **Google Meet**

Video call link: <https://meet.google.com/amc-rygb-rjb>

Or dial: (US) +1 304-402-6281 PIN: 765 576 788#

Meeting Attendance

Name	Agency/Company
Eric Shreve	ADOA
Kevin Blake	Yavapai County
Jenna Leveille	ASLD
James Meyer	ADOT
Veronica Nixon	ADWR
David French	ADWR
Joseph Kliner	Apache Junction
Conor Cousins	AppGeo
Maurice Kholman	AppGeo
Mariah Modson	ASLD
Ayan Mitra	ASLD/ASU
Ryan McClain	AZDPS
Karen Fisher	CAP
Nathan McAlvage	City of Phoenix
Cat Moody	City of Prescott
Terry Couchenour	Cochise County
Michael Narup	Cochise County
Stephanie Sherwood	Desert Archaeology
Thomas Homan	Gila County

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Name	Agency/Company
Teresa Villescaz	Gila River Indian Community
David Minton	Maricopa County
Jim Johansen	Maricopa County Sheriffs Office
Kevin LaVallee	Maricopa County
James Merrill	NAIP USDA
Josh Pope	Pima County
Jessica Abrahams	Pima County
Steve Whitney	Pima County
Shawny Ekadis	Queen Creek
Aaronn Mattingly	Salt River Pima-Maricopa Indian Community
Brett Thomassie	Surdex Corp
Keith Larson	USDA
AJ Kimmet	USDA NRCS
Mark Christiano	USFS Kaibab National Forest
Candace Bogart	USFS Region 3
Chris Chalmers	WGI Geospatial
Mark Topping	WGI Geospatial

Note: This will be an informational meeting only; per Arizona Open Meeting Law a quorum of the AGIC Council is not required.

AGENDA

I. **Introductions & meeting purpose (Kevin Blake, AGIC Vice-Chair and Yavapai County GIS Director)**

Kevin Blake provided the background of why we are meeting and what the goals and objectives are with the overall initiative.

II. **Statewide Imagery Program Stakeholder Survey Results**

Kevin Blake provided the survey results and a [link](#) to the dashboard and [survey](#) questionnaire if anyone wants to participate.

III. **General Discussion**

a. **Possible program options:**

i. **NAIP Buy-up to higher resolution**

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James Merrill with National Agriculture Imagery Program (NAIP) provided an overview of the program and what its service provides across the country. James said NAIP already provides 60-centimeter imagery for the entire state free of charge. States can purchase 30 and 15-centimeter imagery through their buy-up program. The State of Oregon was the first state to successfully execute this program by doing a buy-up of statewide 30-centimeter imagery. Doing the buy-up program saved Oregon 1.6 million dollars annually vs. local government and state entities purchasing their imagery independently. A rough estimate going through NAIP, 30-centimeter imagery would cost 800 thousand dollars, and 15-centimeter would cost 1.7 million dollars. The flight schedule for Arizona would be June 1, 2023, through August 31, 2023, since the state is so large. A deliverable would be available in a 4-6 month window. Since NAIP is a public program, any entity can download the data locally for business use cases. The other value of NAIP is that they would be providing the QA/QC of the data per their contracts with the vendors and hosting the data on AWS for scalability. Arizona would also have access to the point cloud dataset, another product generated from this dataset.

Arizona's challenge is that the flight schedule with NAIP is right during the end/beginning of state fiscal years, so that some agencies would have challenges budgeting for this item during that transition period.

ii. Acquisition options

A couple of other vendors were on the call, they were AppGeo and WGI Geospatial. Both vendors discussed their solutions and what other states have done with their workflows on procuring state-wide imagery through a cost share.

b. Funding – Cost sharing model discussion

A cost-sharing discussion was brought up and discussed a strategy working with ASLD as a fiduciary agent for Arizona where every agency could provide funding to support the initiative. James brought up the Oregon example, and they could secure funding for 30-centimeter imagery by getting sign-off from the lieutenant governor. Funding to support the initiative was through the general fund to pay for the entire purchase vs. making the local governments pay for it.

c. Requirements

i. Minimum resolution

A consensus that 30-centimeter resolution was the minimum requirement.

ii. Urban vs rural

Through NAIP, it would be difficult to delineate 30-centimeter vs. 15-centimeter since the state is so large. There may be some flexibility with high-resolution imagery, but that would require further discussion.

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Through the NAIP contract vehicle, they can work with specific entities through an ad-hoc process.

iii. **Frequency**

Once every two years met a majority of the requirements. Some local government agencies with Maricopa and Pima County would require annual imagery flown.

iv. **Acquisition season**

Typically, in Arizona, flights occur between June 1st and August 30th. Because of earlier monsoon seasons and snow packs in the Northern part of the state, there may be some discussion about changing the flight schedule, but that has not occurred yet.

d. **Timeframe**

IV. **Next Steps**

Based on the active discussion and feedback from the group, there will be a follow-up meeting in January to get more information from the group and define requirements for what a deliverable might look like.